

Docket No.: 50212-566



**PATENT**

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re Application of	:	Customer Number: 20277
	:	
Kiyotaka MURASHIMA, et al.	:	Confirmation Number: 2387
	:	
Serial No.: 10/756,831	:	Group Art Unit: 2874
	:	
Filed: January 14, 2004	:	Examiner: Unknown
	:	
For: DIFFRACTION GRATING DEVICE MAKING METHOD AND APPARATUS		

**INFORMATION DISCLOSURE STATEMENT**

Mail Stop IDS  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Dear Sir:

In accordance with the provisions of 37 C.F.R. 1.56, 1.97 and 1.98, the attention of the Patent and Trademark Office is hereby directed to the documents listed on the attached form PTO-1449. It is respectfully requested that the documents be expressly considered during the prosecution of this application, and that the documents be made of record therein and appear among the "References Cited" on any patent to issue therefrom.

This Information Disclosure Statement is being filed within three months of the U.S. filing date OR before the mailing date of a first Office Action on the merits. No certification or fee is required.

The relevance of the article, "Bragg Gratings Fabricated in Monomode Photosensitive Optical Fiber by UV Exposure Through a Phase Mask" is discussed in the present specification.

10/756,831

Please charge any shortage in fees due in connection with the filing of this paper, including extension of time fees, to Deposit Account 500417 and please credit any excess fees to such deposit account.

Respectfully submitted,

MCDERMOTT, WILL & EMERY

A handwritten signature in black ink, appearing to read "A. J. Steiner", is written over the printed name.

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**Date: May 3, 2004**

# INFORMATION DISCLOSURE CITATION IN AN APPLICATION

(PTO-1449)

 ATTY. DOCKET NO.  
50212-566

 SERIAL NO.  
10756,831

 APPLICANT  
Kiyotaka MURASHIMA, et al.

 FILING DATE  
January 14, 2004

 GROUP  
2874

## U.S. PATENT DOCUMENTS

EXAMINER'S INITIALS	CITE NO.	Document Number Number-Kind Code <sup>2</sup> (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		US			
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## FOREIGN PATENT DOCUMENTS

EXAMINER'S INITIALS	CITE NO.	Foreign Patent Document Country Codes-Number 4-Kind Codes (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines Where Relevant Figures Appear	Translation	
						Yes	No

## OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)

EXAMINER'S INITIALS	CITE NO.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.
		K. O. HILL, et al., "Bragg Gratings Fabricated in Monomode Photosensitive Optical Fiber by UV Exposure Through a Phase Mask", Appl. Phys. Lett. Vol. 62, No. 10, pp. 1035-1037 (1993)
		M. IBSEN, et al., "Optimised Square Passband Fibre Bragg Grating Filter with In-band Flat Group Delay Response", Electronics Letters, 16th April 1998, Vol. 34, No. 8, pp. 800-802
		Morten IBSEN, et al., "99.9% Reflectivity Dispersion-less Square-filter Fibre Bragg Gratings for High Speed DWDM Networks", ECOC. 1999, PD21-1
		L. POLADIAN, et al., "Interactive Design and Fabrication of Complex FBGs", OFC 2003, WL1
		Lih-Gen SHEU, et al., "Fiber Bragg Grating Dispersion Compensator by Single-Period Overlap-Step-Scan Exposure", Photonics Technology Letters, Vol. 15, No. 7, July 2003
		Toshikazu SHIBATA, et al., "The Dispersion-Free Filters for DWDM Systems Using 30mm Long Symmetric Fiber Bragg Gratings", OFC 2001, WDD84-1

EXAMINER

DATE CONSIDERED

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

1 Applicant's unique citation designation number (optional). 2 Applicant is to place a check mark here if English language Translation is attached.